

$$ER_A(\text{lb/yr}) = \frac{V_R(\text{gal}) \times M_v(\text{lb/mole}) \times P(\text{mmHg}) \times \text{org}}{t(\text{yr}) \times \text{constant}_1([\text{gal}][\text{mmHg}]/\text{mole})}$$

$$ER_B(\text{lb/yr}) = C_B \times V_T(\text{gal}) \times d_B(\text{lb/gal}) \times (\text{changes/yr}) \times \text{org}$$

$$ER_C(\text{lb/yr}) = C_C \times \text{Evap}(\text{gal/min}) \times d_C(\text{lb/gal}) \times (\text{min/yr}) \times \text{org}$$